In the Claims:

Amend claim 1.

1. (Currently amended). A tool holder (1) for an annular core bit (2, 2'), comprising a bit-side axial stop-surface (4); and an end-side ~~splined~~ outer profile (3) extending away from the stop-surface in a bit direction and cooperating with an inner profile of the core bit, the end-side outer profile (3) being formed as a splined profile and having an outer thread (5) forming radial spline projections of the splined profile (3).

2. (Previously presented). A tool holder according to Claim 1, wherein at least one of an outer thread dimension (A) and a dimension (I) of grooves of the splined profile (3) defines a radial guide dimension that extends over an axial guide length (X) which is larger than the radial guide dimension.

3. (Original). A tool holder according to Claim 1, wherein the splined profile (3) has a plurality of equidistantly circumferentially spaced, axial grooves (7).

4. (Original). A tool holder according to Claim 3, wherein the axial grooves (7) have a same circumferential width.

5. (Original). A tool holder according to Claim 3, wherein the splined profile has at least three axial grooves (7).

6. (Original). A tool holder according to Claim 5, wherein the splined profile has six axial grooves (7).

7. (Original). A tool holder according to Claim 1, further comprising a tool-side axial stop surface (8) axially spaced from the bit-side axial stop surface (4), and a sleeve (9) having an inner thread and provided on a tool-side of the tool holder, the sleeve (9) overlapping the tool-side stop surface (8) in a spaced relationship thereto.

8. (Original). A tool holder according to Claim 1, further comprising an axial conical surface (11) extending from the bit-side axial stop surface (4) in a tool direction.

9. (Previously presented). A tool holder according to Claim 8, wherein the conical surface (11) is axially limited by the bit-side axial stop surface (4), and a tool-side axial stop surface (8).

10. (Original). A tool holder according to Claim 7, further comprising a rubber ring (15) provided between the sleeve (9) and the tool-side axial stop surface (8).

11. (Currently amended). A tool assembly for core drilling, comprising an annular core bit (2); and a tool holder (1) for the annular core bit (2, 2'), wherein the tool holder comprises a bit-side axial stop surface (4), and an end-side ~~splined~~ outer profile (3) extending away from the stop surface cooperating with an inner profile of the annular core bit, the end-side outer profile (3) being formed as a splined profile and in a bit direction and having an outer thread (5) forming radial spline projections of the splined profile (3), the annular core bit ~~(2) having an~~ inner ~~splined~~ profile (12) being complementary to the end-side ~~splined profile (3)~~ outer of the tool holder.